

(No Model.)

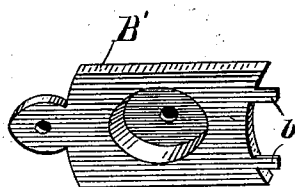
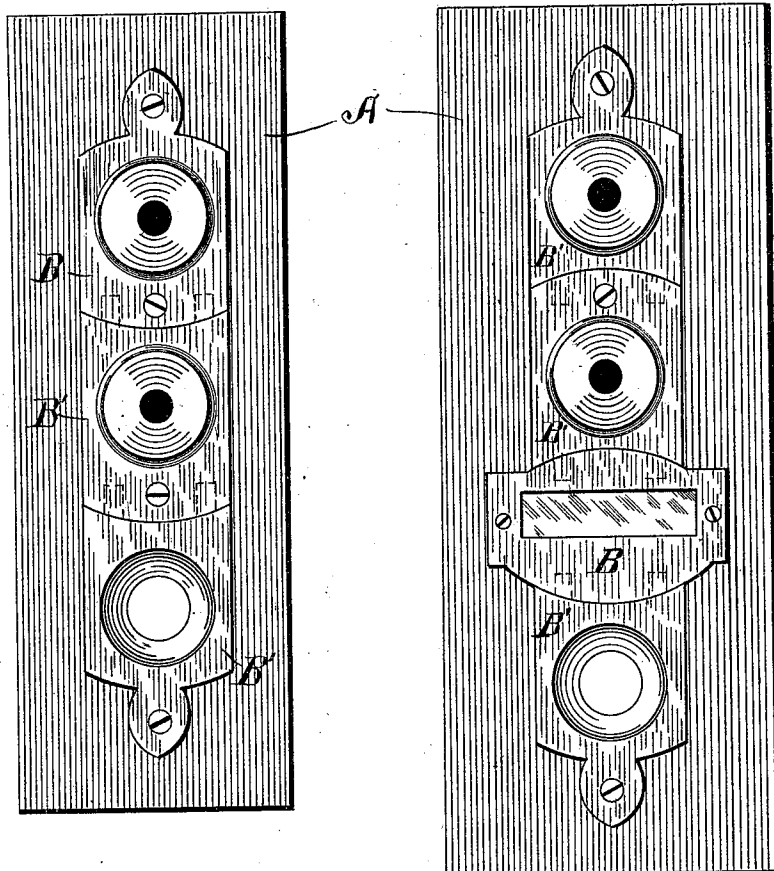
J. F. WOLLENSAK.  
PLATE FOR MOUNTING BELL PUSHES.

No. 510,663.

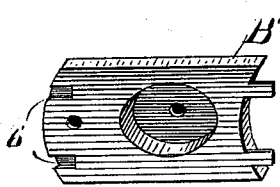
Patented Dec. 12, 1893.

*Fig. 1.*

*Fig. 2.*



*Fig. 3.*



*Fig. 4.*

Witnesses.

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# UNITED STATES PATENT OFFICE.

JOHN F. WOLLENSAK, OF CHICAGO, ILLINOIS.

## PLATE FOR MOUNTING BELL-PUSHES.

SPECIFICATION forming part of Letters Patent No. 510,663, dated December 12, 1893.

Application filed November 22, 1892. Serial No. 452,776. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN F. WOLLENSAK, a citizen of the United States, residing at Chicago, Illinois, have invented certain new and useful Improvements in Plates for Mounting Electric-Bell Pushes, of which the following is a specification.

The object of my invention is to make a plate on which may be mounted bell pushes, speaking tube mouth pieces, card holders, and other articles, which shall be formed of a series of pieces separately detachable and removable, without moving or seriously disturbing the others; and my invention consists in the arrangements, features and combinations hereinafter described and claimed.

In the drawings, Figure 1 represents a plan view of one of my improved plates containing the bell pushes and a mouth piece. Fig. 2 is a plan view of the same, with the addition of the card holder; and Figs. 3 and 4 are perspective views of two of the bell push plates, showing their arrangement on the bottom.

In making my improved plate for bell pushes, &c., I use a base A, preferably made of wood, and of the desired length and size to adapt it for the place in which it is intended to be used. It has been customary heretofore to mount on such base a continuous plate of metal, of a length and size to carry the desired number of bell pushes, mouth pieces, or other articles, which in use range from one to upward of twenty. This necessitated the manufacturer carrying in stock a great many plates of different sizes, to enable him to fill the various orders as they came in.

Instead of making the plate on which the bell pushes and other articles are mounted of one piece, I make a series of plates, B and B', each adapted to receive and carry one bell push, mouth piece, or other article. The plate marked B is intended to be first applied to the base; and I will hereinafter, for convenience, designate it as the "initial" plate. As shown in the drawings, it is held to the base by two screws, while each of the other plates is held by only one screw. Each plate is arranged to overlap the edge of the next adjacent plate and hold it in place. As a convenient way for securing this overlapping, I pre-

fer to provide each of the plates at one end with lugs or projections b, and to make corresponding depressions or channels in the end of the next adjacent plate to receive and overlap the lugs. It is obvious, however, that the same end will be secured where the edge of one plate overlaps the edge of the next one; and, for convenience, I shall hereinafter speak of the edge of one plate overlapping the edge of another, whether such edges be technically provided with lugs and depressions or not. After the initial plate has been fastened to the base by screws—and by screws I mean to include nails, brads, or similar fastening devices—the next plate is put into position with its edge slid under the edge of the initial plate, and its other end or edge screwed to the base. In this way, a series can be built up on a base of as many different plates as may be required to suit the particular house or place in which they are intended to be used. As one bell push, or other article becomes worn, broken, or otherwise out of order, the particular plate containing it may be removed without removing or disturbing the other plates, so that it can be repaired or replaced, or another one inserted, without serious inconvenience or trouble.

Although I have described the invention as applied to a base, as of wood, I have done so as a matter of convenience in description, and do not intend to limit myself to the use of such base, as it is obvious that the plates may be applied directly to the wall of a room, the casement of a door, or to other convenient support, and I desire the word base to be understood as sufficiently broad to include any support on which the plates may be arranged.

What I regard as new, and desire to secure by Letters Patent, is—

1. In bell pushes, &c., a plate provided with a bell push or other article adapted to be removably secured to a base, such plate being provided with a hole for the insertion of a wood screw, recesses at one end, and projecting lugs at the opposite end so arranged that it may hold an adjacent plate by its recesses and its opposite end be held by an adjacent plate overlapping the projecting lugs, substantially as described.

2. In bell pushes, &c., the combination of a

series of plates arranged on a base on each of which is mounted a bell push, mouth piece, or other article, each plate after the initial one being held by one screw and the overlapping  
5 edge of the next adjacent plate, substantially as described.

3. In bell pushes, &c., a series of plates arranged on a base, on each of which is mounted a bell push, mouth piece, or other article, each  
10 plate being adapted to be secured to a base, and, excepting the end plates, being provided

with recesses at one end and projecting lugs at the opposite end, so constructed and arranged that the recesses engage the projecting lugs of the adjacent plates and serve to  
15 hold the same in position, and each plate being separately detachable without disturbing the others, substantially as described.

JOHN F. WOLLENSAK.

Witnesses:

F. D. EARLL,  
L. P. FARNHAM.